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REMARKS

After the foregoing amendment, claims 1-8 and 10-18 are active in the present application. Claims 9 and 19-27 have been withdrawn. Reconsideration and allowance of the application, as amended, are respectfully requested.

The specification has been amended to correct the error noted by the Examiner. More particularly, in paragraph [0020], the integrated circuit 12 was mislabeled as the integrated circuit 14. The specification was reviewed and no further errors or typos were identified. In view of the correction to the specification, Applicants respectfully request that the objection to the specification be withdrawn.

The drawings were objected to under 27 CFR 1.83(a) for not showing every feature specified in the claims. Applicants presume that it is the Examiner's contention that the claimed photo mask area and the land area having at least one sharp edge are now shown in the drawings.

Referring to FIG. 3, the photo mask area is shown and labeled 32. In paragraph [0022], the specification recites that "The bonding pad 30 includes a photo mask area 32. The photo mask area 32 comprises a solder mask over BT". In FIG. 4, the photo mask area is labeled 44; in FIG. 5, 52; and in FIG. 6, 62. Thus, Applicants submit that the photo mask area is shown in the drawings and described in the specification.

Claim 1 recites that "at least one of the photo mask area, the clearance area, and the land area has at least one sharp edge that assists a pattern recognition system of a wire bonder in locating the at least one bond wire on the land area". A sharp edge refers to a well defined boundary of a bonding pad that facilitates a pattern recognition system of a wire bonder locating the bonding pad. For example, in FIG. 3, the photo mask area 32 and the clearance area 34 are rectangular shaped, and thus have sharp edges (the sides). Note that at paragraph [0024], with reference to FIG. 3, the

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specification recites that, "In this embodiment, the photo mask area 32 and the clearance area 34 are rectangular". When referring to FIG. 4, in which the photo mask area 44, the land area 42 and the clearance area 46 are all rectangular and all have sharp edges, the specification recites, "Thus, in this second embodiment, a photomask area 44, a clearance area 46 and the land area 42 all have a plurality of sharp edges that assist the pattern recognition system ..." (Specification, para. [0024]). Note that in FIG. 6, since the land area 70 includes cut-outs 67, there are many sharp edges that can be readily detected by the wire bonder pattern recognition system.

Since all of the claimed elements are shown in the drawings, Applicants respectfully request that the objection to the drawings be withdrawn.

Claims 1-8 and 10-17 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite, it appears because the photo mask area and the sharp edges were not understood. Applicants respectfully traverse the rejection.

As discussed above, the photo mask area and the sharp edges are discussed in the specification and shown in the drawings. Accordingly, Applicants respectfully request that this rejection be withdrawn.


In view of the foregoing amendment and remarks, claims 1-8 and 10-17, are now in condition for allowance and such action is respectfully requested.

Respectfully submitted,

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